Samuel Santos

SOFTWARE DEVELOPER

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ABOUT ME

As a Brazilian native who now calls Australia home, I bring a diverse perspective to my work. My background as a Mechanical Engineering student with experience in teaching, specifically in Mathematics and English, has helped me to sharpen my problem-solving skills and attention to detail.

I'm always eager to learn new things, and my commitment to a career change has led me to explore full stack web development. Coding is a fascinating tool — it allows me to be creative and understand how everything 'behind the scenes' works. This is something that initially drew me into software development. I'm enthusiastic and motivated to take on new challenges and build a rewarding career in this dynamic field.

Outside work you will find me strumming the strings of my guitar to my favourite rock music and playing with my dog.

WORK EXPERIENCE

The Lead Group | Full Stack Developer | April 2024 – Present

Volunteering at a non-profit organisation dedicated to providing guidance on lead exposure prevention and offering test kits for lead detection in homes. As part of the development team, I'm building an e-commerce website to support the organisation's mission.

Tech stack: Next.js, React, Node.js, Express.js, Payload CMS, and MongoDB. We use Git and GitHub for version control and Docker for containerisation and deployment. Our development process follows Agile methodology, promoting efficient collaboration and continuous improvement.

_nology | Software Developer Trainee | Aug 2023 – Nov 2023

Worked on a client project fixing bugs, writing tests and implementing features on an app that tracks student performance, assessment results, and project feedback. Stack: MySQL, Typescript & NestJS on the backend & Typescript and React on the frontend.

The Styling Project | Removalist | May 2019 – Feb 2022

Managed the organisation of the warehouse, making sure the furniture was clean and damage free as well as the transportation of the furniture to clients.

Centro de Cultura Britânica Red Lion | English Teacher Mar 2017 - Jul 2018

Prepared and delivered English lessons for diverse age groups, including children, teenagers and adults.

PORTFOLIOS

Portfolio   **GitHub**

PROJECTS

Pet Sitting Services
Full stack app that allows you to request or provide pet sitting services.
Tech stack: React, Express, Typescript, MySQL and Tailwind.

E-commerce
Full stack fake e-commerce platform that sells candles.
Tech stack: React, Sass and Firebase/Firestore.

Employee Creator
Application used to manage employees' information.
Tech stack: React, Typescript, Spring, MySQL and Tailwind.

KEY SKILLS

SQL, MySQL	Tailwind CSS
Java 8/Spring	HTML/SASS
Firestore	JavaScript &
React & Next.js	Typescript
Express & Nest.js	e2e & unit testing

EDUCATION

Full Stack Engineer Program
_nology
Nov 2023

Leadership & Management Advanced Diploma
Pacific Training Group
Apr 2022

Bachelors of Mechanical Engineering
Centro Federal de Educação Tecnológica de Minas Gerais
Jun 2015